

Mines visits the ice age



ALAN DOWNEY / OREDIGGER

James Balog describes the Extreme Ice Survey project in Friedhoff Hall on Wednesday, February 10. The presentation was part of the Hennebach lecture series.

Sara Post
Editor-in-Chief

James Balog is passionate about his subject. Since 2007, Balog has headed a project that has placed time-lapse cameras in some of the most remote places in the world. The Extreme Ice Survey began in 2007, after Balog had completed a story for National Geographic magazine on changing glaciers. "I had the daft idea that I would put out a couple of time-lapse cameras while I was out doing my regular photography," Balog said. "In about 2 or 3 weeks a couple time-lapse cameras turned into 25, and the rest is history."

In the three years since starting the project, Balog and his team of 30 photographers, engineers, and scientists have placed 33 cameras and have taken some 12000 photographs. The EIS is "merging art and science," something they did not set out to do, he claimed, but something that creates "a blossoming of understanding through the union of these opposites." Field work is only half of it, he added. "These glaciers... are telling a story... we have this unending public outreach program to tell the story, not just decorate the pages of magazines and decorate the walls of galleries and museums."

There are 15 sites with time-lapse cameras in Greenland, Iceland, Alaska, and the Rocky Mountains. Balog said that

within the year, the survey would have cameras on Everest and in the coastal mountains of British Columbia, Canada. They also go back and take yearly photos in the Alps and Bolivia.

In his presentation at Mines on Wednesday, February 10, Balog presented several graphs and spent some time on the science behind his message. "What's key to understand is that in most parts of the world the vast majority of glaciers are retreating," he began, and went on to say that except in East Antarctica, which is "between stable and retreating slightly," glaciers all over the world are retreating.

"Earth has a fever," he said. "We're living, right now, on a planet that's in the realm of science fiction... we're doing the grandest science experiment that the human race has ever created."

The real power of the presentation, not surprisingly, given that Balog is an acclaimed nature photographer, is in the ice. In the time-lapse photographs of the calving of the glaciers into the ocean is the evocative, happening-right-now imagery that convinces people that there are immediate reactions in the world, far

away from how warm the weather is today at home. As huge icebergs – 15 and 20 times the size of the US capitol building, which Balog provides for scale – crack and roll up partially out of the water and then float away across the screen, it's hard to appreciate the scale and the enormity of the image. In one shot of the Illulissat glacier, which discharges 11 cubic miles of ice into the ocean each year, a helicopter is a tiny black shape against the Jakobshavn Isbrae calving face. The iceberg that sank the Titanic is rumored to have come from this calving face, which is up to 70 stories high in some places

The photographs are often surreal, and capture landscapes that few people ever see. There are landscapes of white, black, and blue, crevasses of unknown depth, and lakes and rivers of water across the ice. Balog showed a clip from the show airing on PBS that depicted him rappelling into a crevasse on the Greenland ice sheet that has been cut by meltwater, and the ice is scattered with features like this that continue for hundreds of meters into the ice. "These rivers are these big channels of meltwater that carry the melting Greenland ice sheet out to the ocean," Balog said. "They, in many cases, cut these fabulous canyons... what we have is basically desert-style erosional morphology, but it's cut by sapphire water into ice."

Balog has a keen sense of the beauty of natural processes in motion, and this informs the overall feel of his presentation. At the end, he said, "let me just go back to the ice and the music, and just let the ice speak for itself," and stood back and gave the audience a chance to simply appreciate the awesomeness of the ice.

Seeing the future of energy

Katie Huckfeldt
Staff Writer

Energy is a popular subject at Mines, from the applications of energy to the on-going research of new energy sources. ExxonMobil, one of the world's largest providers of global energy, came to Mines to share their "Outlook for Energy, a View to 2030." Len Srnka, the Chief Research Geoscientist at the ExxonMobil Upstream Research Company, shared the data his company has gathered on the future of energy in the next twenty years. Srnka began by stating the importance of energy: it "pervades everything we do." The energy we use can be put into two distinct categories, those of indirect energy use and direct energy use. Direct energy use is energy used on a daily basis, such as heating a home or driving a car. Indirect energy is

"Can the efficiencies in the non-developed world pick up more quickly from the efficiencies in the developed world?"

the energy that goes into making all the things we use, such as the factories that work to produce consumer goods. In the developed world, the indirect energy has much higher consumption than direct energy, as there are far more material goods than in undeveloped countries. In developed countries, the demand for energy, both direct and indirect, has hit a plateau and is not expected to rise much in the next few years. However, underdeveloped countries are expected to have a large rise in demand as new technology becomes available. With more energy demanded globally, up to 35% more according to Srnka, the key is reliable and affordable energy.

Srnka continued his presentation by going into further detail on what exactly drives the demand

With the environment and new technologies in mind, we must "increase efficiency, mitigate emission, and expand supply."

First off, economic growth drives energy demand. In developed countries, such as our own, the economic growth rate has leveled off for the most part and therefore our demand for energy is not expected to grow much. But looking at undeveloped countries, economic growth rate is expected to sky-rocket as new technologies become available, therefore driving the demand for more energy. The second factor to energy demand is efficiency, which reduces

demand. With new advances in technology from fuels, to today's vehicles, energy is becoming more efficient and the demand decreases. Again the demand is still greater in the undeveloped world as they lack the efficient energy available to the developed world. Srnka posed a popular question, "Can the efficiencies in the non-developed world pick up more quickly from the efficiencies in the developed world?"

After analyzing where the need for more energy comes from, Srnka went into greater depth on exactly which type of energy will see the most demand in the upcoming years. As far as transportation goes, even with the advances in automobiles, gasoline-fueled

cars are still on top. Srnka claimed, "Gasoline is here to stay, at least for my lifetime." For global industry demand, heavy industry is

expected to have the greatest demand, especially in the undeveloped world. As far as powering these industries, unfortunately the environmentally-unfriendly coal still has the greatest demand. Coal is still a bargain in comparison to alternate energies such as hydroelectric, solar, and nuclear, but has the worst CO2 emissions by far. Wind power is proving to be promising however, with a cost only slightly above coal. Srnka stated the possibility of taxing companies for tons of CO2 emissions to help better the environment and make other energy sources more appealing. However, the problem with these proposed taxes, as Srnka states, is, "What should be the economic penalty, and how should it be put in place?" As far as new energy resources are concerned, Srnka's team at Exxon-

Mobil is working on biofuel research that optimizes different types of algae. The algae produce fats and lipids that can be refined for fuel. Srnka stated that the algae research is, "in the early stages, but is encouraging."

Srnka ended his presentation by concluding that by 2030 the global energy needs will rise by one-third. With the environment and new technologies in mind, we must "increase efficiency, mitigate emission, and expand supply."

Scientific discoveries this week

Jake Rezac, Content Manager

San Diego, CA – New research has given scientists insight to what happens when trauma-induced brain injuries occur. When the brain undergoes a traumatic experience, rigid pathways connecting cells can bend and break, causing devastating damage. It has long been known that brain injuries involve the breaking of connections between axons, but until recently, the break that occurred was unknown. The new research indicates that tiny tracks inside the axons are broken. While slow stretches of these connections can be safe, sudden blasts often cause the connections to break.

Long Island, NY – Particle physicists at Brookhaven National Labs made use of the Relativistic Heavy Ion Collider to temporarily change the laws of physics in a small region of space. By accelerating and colliding gold atoms around a 2.4 mile-long track at 99.995% the speed of light, the scientists were able to observe the distortion of physical laws. The collision of these atoms appears to have caused a breakdown of the symmetry between matter and anti-matter. This is important because most physicists believe this sort of breakdown occurred at the beginning of the universe, allowing for a larger percentage of matter in the universe, compared to anti-matter.

Köln, Germany – Neuroscientists have discovered why more accidents occur when drivers are on familiar routes. By measuring the brain activity of participants on a simulator, they were able to determine that brain activity lessens the more familiar a driver is with a route. When driving on unfamiliar routes, they have more brain activity and pay more attention.

Shandong Province, China – The attacks on the servers of Google and other large tech companies have been linked to two schools in China. One of the schools is linked to the Chinese military, but it has denied any involvement. Some security experts believe the school is simply being used as a facade for government activity, while others say it's an independent attack. Some think that a third country was involved.

Oredigger Staff

Sara Post
Editor-in-Chief

Neelha Mudigonda
Managing Editor

Abdullah Ahmed
Business Manager

Ryan Browne
Webmaster

Barbara Anderson
Design Editor

Zach Boerner
Copy Editor

Robert Gill
Asst. Business Manager for Sales and Marketing

Ian Littman
Asst. Business Manager, Web Content

Steven Wooldridge
Asst. Webmaster

Mike Stone
Fool's Gold Content Manager

Jake Rezac
Content Manager

Spencer Nelson
Content Manager

Forrest Stewart
Faculty Advisor

Headlines from around the world

Emily Trudell, Staff Writer

The Federal Bureau of Investigation closed its case on the killer responsible for the **2001 anthrax letters** that killed five people. The justice department stated that government researcher Dr. Bruce Ivins acted alone in sending the letters. Ivins committed suicide in 2008 after prosecutors prepared to charge him for the attacks.

The **International Air Transport Association** said that there were nearly 700 deaths from accidents in 2009, compared to 502 deaths the year before, despite that the total number of crashes decreased from 23 fatal crashes in 2008 to 18 last year.

The Supreme Leader of Iran, Ayatollah Ali Khamenei, said that Iran is not currently seeking or creating **nuclear weapons**, as Islam considers these weapons to be religiously banned. The statement was in response to the International Atomic Energy Agency's recent report that Iran may be working on a nuclear warhead for a missile and is increasing its Uranium enrichment program.

The United Kingdom's Foreign Office denied the knowledge that Israeli agents planned to assassinate a founding member of the **Hamas militant group**. Israel has also denied any involvement in the death of Mahmoud al-Mabhouh in a Dubai hotel on January twentieth.

A **400 year old minaret** in Meknes, Morocco collapsed, killing 41 worshipers at a

gathering in the Bab Berdieynne (Bab al-Baradeen) mosque. Seventy-one other people were injured in the accident that occurred in the middle of the afternoon prayers on Friday.

The Census of Marine Life revealed that a panel of scientists has discovered roughly **5,000 new marine species** over the last ten years.

The International Criminal Court promised that there would be "no impunity" for the security forces suspected of killing at least **150 Guinean activists** at an opposition rally in September.

The **Endeavour Shuttle** left the International Space Station after a successful mission wherein the six astronauts attached a new room to the station and an obser-

vation deck. The astronauts spent ten days in space.

Twenty-two freight cars derailed in Santa Fe, Texas. Two of the tankers ruptured, one containing asphalt materials and the other containing molten sulfur. An evacuation was issued over a one-mile radius, and a nearby highway was temporarily closed. There were no injuries reported.

Australian Prime Minister **Kevin Rudd** set a deadline of November of this year for Japan to end whaling in the southern oceans, or face legal and international retaliation. Rudd said that they would negotiate with Japan to reduce Japan's whaling. Australia's top exporter is Japan, as the nation exports roughly 49 billion dollars to Japan yearly.



Local News

Mines' Division of Economics and Business received a \$370,000 grant from Alcoa to research the cost-effectiveness of programs to increase recycling.

Mines' wrestling beat CSU-Pueblo in their final match of the season, taking the Orediggers to a 23-21 season record.

Mines' TMS Materials bowl team claimed the top spot at the competition, reclaiming the position that was lost last year.

Assistant Director of International Programs Kay Godel-Gengenbach recently received the Ange Melaragno Award for her contributions to the McBride Honors Program.

Mines' Men's and Women's Basketball crushed UC - Colorado Springs on Friday 67-56 and 79-60, respectively.

There will be an open house hosted by the City of Golden regarding the circulator bus on March 2nd from 6pm-8pm.

Club Spotlight- Club Hockey

Sam Schleisman
Staff Writer

They don't have team bags, a team bus, or even matching jerseys, but one thing they do have is heart. The Colorado School of Mines hockey team is 5-11 this year, going 2-3 this semester. With a season-defining 14-4 win coming 2 weeks ago at Colorado College, things are looking good.

The Orediggers were led by line mates Tanner Hulse, sophomore, and Graham Smith, freshman, who each scored 4 goals. Dan Suhr was also extremely solid between the pipes as he fended off not only CC shooters, but also their obnoxious fans. As the game approached its conclusion, it resembled a WWE match, as fights broke out constantly in the third period. Out of frustration, CC players incessantly instigated the fights and, after multiple ejections, ended the game with only seven skaters. Despite all of this, the Mines team was able to show their sensitive side with a special surprise for one of their biggest fans, Garcia. She was allowed to sit in the bench during the game and was speechless after the dominant performance put out by her favorite club.

The Orediggers are led by

Coach Dan Lescanec, President Dana Martin, along with seniors Dan Clark, David Rogers, and Mike Plampin. Lescanec and Martin organize and run all the practices while also playing for the team. Next year, Mandy Oanes will take over the position of President while Hulse and Brendan Swenson will act as vice presidents.

The team has an unquestioned work ethic and level of commitment as they find time twice a week to practice off campus until midnight. On the weekends, the team plays in New Mexico, Wyoming, and everywhere in between, traveling and sleeping in overcrowded vans to save money.

On March 24, the CSM team will play Colorado State at the Pepsi Center before the Avalanche take the ice against the Los Angeles Kings, a team they are battling for the playoffs. As a fundraiser, the team is selling lower seat tickets to the game for \$51.25. The tickets also come with a free drink, so it is a good deal to watch some great hockey. The tickets are available through anyone on the team or by emailing John Howard (jkhoward@mines.edu).



SAM SCHLEISMAN / OREDIGGER

Above, the Orediggers meet before their game with Colorado College.

CONTRA DANCE!-FREE Sat. Feb 27 – 6- 8pm LOCKRIDGE ARENA-SRC

**-No partner, no experience needed
-walk-throughs begin promptly at 6pm**



Questions?:
Ask Cliff Sanden
csanden@mines.edu

Geek of the Week

...Charles Pearl, Senior; Engineering Physics

Daniel Haughey
Staff Writer

Do you consider yourself a geek?

Depends upon who you talk to. People have the same definitions for geek and nerd. But people flip-flop them sometimes. I consider myself one for sure, but only when it's the good definition. Sure, if you are going to call it a geek, I am going to say it is the good definition of geek.

I always liked nerd.

So you can be a cannibal when you eat the candy?

How did you come to be at Mines?

It was one of the places I applied to. But after I applied to a whole bunch of places, a few other technical schools and CU Boulder. When I came here it was just really... Everyone here knows about the "Mines atmosphere." I think that is what it was. It's some abstract quantity, that just makes sense, it's a real good feeling.

What is your favorite geeky pick up line?

Let's see... there is the classical, "Let me be your derivative so that I can lay tangent to your curves," but I am trying to think of the better ones.

What is the geekiest thing you have seen or done?

The geekiest thing I have seen and or done is when four of us dressed up as Ghost Busters and ran through Dr. Kuo's physics 200 class chasing a ghost one Halloween. That is probably the highlight. We went later and ran through a chemistry class here too. It was fun that way.

Did you yell stuff like "Don't cross the beams?"

Yeah, mostly stuff like, "There it is, get it!" But we mainly ran through. We posted a video of it on Facebook.

What is your favorite geek joke?

How do you get rid of a log? With an Axponent. I have some more that are a lot longer, situational jokes.

Star Wars or Star Trek? Why?

I have to bash on them from a second. Sound in space, really? It depends on my mood. If I want something action-oriented, I go for Star Wars, but if I want something more thought-provoking and funny, then it is Star Trek. It's like comparing apples and oranges. Sure, it's about space, but it's comparing two very different things.

What are your hobbies?

I still actively build with LEGOs, but a lot of people probably say that. Generic things like music, I used to be into Frisbee, but not so anymore, everything kind of got busy.

What you do for fun?

Video games, then.

What kind?

I am not a big MMO person; I like adventure games that have a good plot.

So like the Fallout series or Mass Effect?

Yeah, and I also hang with my fellow physics friends. It's fun just hanging out with other physics students and you can pull off some pseudo intelligent conver-

sation or even if it is not intelligent, you can bring in the Mines experience into everything.

What is the geekiest thing you own?

I still have my Sega Genesis, which I still play every once and awhile, and I have an old 486 Netbook 2, which I drag out sometimes. Old school and has a black and white screen and can't really do much except type.

What has been your favorite class at Mines?

Intermediate Mechanics, Physics 350.

Is it the physics that incorporates everything?

Basically. At the beginning, it seemed like there was a large demand, but after that things started to get going. That was the class I was excited for, that the teacher was really awesome and it just blew my mind every day, every time I think back to it. That is hands down my favorite class. For intermediate mechanics you need DEQ, a programming background, Physics 1, and Linear Algebra. It just brings everything together into something that you can use. It has a little bit of everything. Most awesome class that I have taken.

What is your favorite movie?

"In Bruges." A relatively new movie. Lots of dark Irish humor. It's about two Irish hitmen who lay low in Belgium. It hilarious; it's really dark, but it's my favorite.

What is your favorite book?

The Ganymede Club by Charles Sheffield. I found it at a really strange bookstore one day and then I read it and I am hooked to all of his books. It's the one that got it going for his books. And I love his writing style.

What's it about?

Cloak and dagger kind of stuff in a post war Ganymede and characters find out things as you do sort of thing.

What clubs or activities are you involved in?

Society of Physics Students, Band, Student ambassador, I am sure people like you have seen me as a Physics TA. I used to be involved with more but as the years progress... Those are the main things.

Who is your role model and why?

My dad because I really enjoy teaching and my dad is a teacher and I think I got that from him. I am sure there has been a couple of people down the line but he is the main one.

What is your favorite OS? Why?

I like to play video games so I have to say that the best OS for that right now is Windows. I tried out Windows 7 and it is pretty slick. I still use Linux, it's on my laptop. I have not dabbled in Mac. I just know it has the basics for what normal people use and has graphics stuff to make stuff look good really easily. My favorite is Windows because I have used it enough to get around all the quirks.

What is your favorite formula and why?

It's something that I got out of

Intermediate Mechanics. Once you have Lagrangian L for the system, it basically optimizes your Lagrangian, where your Lagrangian is a function of kinetic energy minus potential energy. It gives

$$0 = \frac{d}{dt} \left(\frac{\partial \mathcal{L}}{\partial \dot{q}_j} \right) - \frac{\partial \mathcal{L}}{\partial q_j}.$$

you a differential equation for what is happening in the system you are looking in. It gives you a differential equation that once you solve, you get the equation of motion for the system. It helps out with really complicated, constrained systems. Also really helpful if you can limit degrees of freedom.

If you were stuck on a deserted island and you could only bring 3 items, what would they be?

A satellite phone, tent, and malt vinegar. If you're stuck on a desert island, the only food you are going to get is fish, and malt vinegar goes well with fish. A tent for shelter and satellite phone to call your friends.

What is one thing you love at Mines?

Best thing about mines is the people. I have tons of friends here. It would not be the same without the kind of people here. It is the Mines atmosphere. It is that intangible atmosphere. If Mines had a soul, it would be what I love the most about it.

One thing you would like to see changed?

Well, I know the answer most people would give is parking, but I will choose something different. I would change the diversity of the programs that we have here so that I would stay. Like a broader base of subjects. I am going to grad school next year for a teaching certificate. Mines does not have a teaching program. It is a really technical school, but all it has is engineering. If they just involved a couple more programs, like a teaching program, that would be the thing that would keep me here. As is, I have to go to grad school somewhere else. I really want to stay, so that kind of thing would keep me here for a couple more years.



PHOTO COURTESY CHARLES PEARL

Charles Pearl demonstrates the strength of interlaced phonebooks.

How to eat a mango

Janeen Neri
Staff Writer

Mangoes are in season, and that can mean only one thing: yet another tropical fruit that tastes delicious but is hard to eat in a civilized fashion.

Since I have family in the Philippines, I've had the privilege of eating mangoes in almost every possible way (and Philippine mangoes taste even better than the Peruvian ones in the grocery store). Here is the most successful method I've found for cracking open these juicy treats:

1. Get a mango. The one in the picture is a little underripe; you want as much yellow as possible and a "squeeze feel" a lot softer than a ripe peach.
2. You will need at least a knife, and probably a spoon. If you will be serving the fruit to guests, toothpicks are a good idea too.
3. Stand the mango up and slice it in thirds lengthwise. There's a flat pit in the center of a mango, and you want to be slicing parallel to that flat surface. You can tell you've got it the right way because

the outside of the mango is flatter in the same direction as the pit. Once you've got these 3 pieces, you can start eating the fruit caveman-style, but if you don't like juice dribbling down your chin, keep reading.

4. Take one of the non-pit sections and slice lengthwise lines in it. You only want to cut through the meat, not the skin. Now cut lines in the other way so you have a grid pattern.
5. Push on the skin side of the section so the cubes fan out. Scoop them out with a spoon. Repeat with the other non-pit third of the mango.
6. Now grab the middle section, the one with the pit inside. Peel off the skin.
7. The easiest way to get the meat off is to just gnaw around the pit, but if you're using the mango in a recipe or something like that, just start slicing around the sides. **Be careful**, as the fruit is very slippery and will try to run away while you're waving the knife around.
8. Enjoy! If serving for guests, stick toothpicks into the cubed mango bits – the slices aren't as pretty looking, so use them as garnish or eat them yourself.

Ruination vs. Ranger

Kevin Lock
Staff Writer

In my opinion, India Pale Ales (IPA) are some of the best beers on the market. Therefore, I decided to try a couple of them this week. New Belgium Brewing just released their version of this beer style. Also, Stone Brewing claims that their Ruination IPA is, "So called because of the 'ruinous' effect on your palate." Both of these breweries brought different approaches to the IPA style.



ALL PHOTOS KEVIN LOCK / OREDIGGER

India Pale Ales are known for their hoppiness and got their origins in the late 1700s when a popular brewer in London decided to expand his market to the English colonists who missed their beer. Hops are a natural preservative and popular ingredient in beer, so by increasing the amount of hops and alcohol content in the beer he created, it was able to make the long journey from England to India without spoiling.

They are commonly rated based on IBU's, or international bitterness units. The higher the IBU of the beer, the more bitter the flavor is. These values are measured using isomerized acids, and their values can only be measured accurately to a value out of 100.

Stone brewing has a few versions of the IPA style, the "Stone IPA" and the "Stone Ruination IPA." I chose to review the Ruination version. With quite a lot of hype on the box and appealing artwork, this beer definitely draws an IPA lover in. The box claims: "This massive hop monster has a wonderfully delicious and intensely bitter flavor on a refreshing malt base. One taste

and you can easily see why we call this brew 'a liquid poem to the glory of the hop!'... [you] will find true nirvana in Stone Ruination IPA!" With and alcohol by volume of 7.7% and 100+ IBUs, Stone demands \$17 for a six-pack of this beer. If it was not for the hype on the box I would not have been able to bring myself to pay so much for it.

Ruination has a good depth of character with noticeable malts and it has a milky amber color. I must say it is hoppy upfront, but it smoothly dies

off into a sweet caramel flavor with a malty aftertaste.

This beer was really good, but for the price and the hype, fellow tasters and myself were pretty disappointed. I suppose that I should have known that beer can only go so far, but I was comparing it with the New Belgium that was nearly a third of the price and almost as good.

New Belgium's version of this beer style is "Ranger IPA." This runs about \$7 a six-pack and has 70 IBU's with 6.5% alcohol by volume. This beer has much more of a wheat flavor than most IPAs, along with a sweet and fruity flavor.

Ranger also tasted more bitter and the bitterness seemed to last longer. It was not cut by the malts as in the Ruination. The fruit in Ranger also brings in a nice citrus flavor.

For the money, I would always choose the Ranger over the Ruination. With great flavor in both beers, at the same price there would be a strong debate between the two beers. The Ranger brings wheat and hops while Ruination brings malt and hops.

Young Coyotes explore alternate realities

Tim Weilert
Content Manager

Despite the handful of "final shows" Denver band Young Coyotes have played over the last few months, Adam Halferty and Zach Tipton decided to come together once more last Friday night at the Hi-Dive to showcase their respective side-projects and play once again as Young Coyotes.

Adam Halferty's band American Tomahawk opened up the night and I was immediately intrigued. Wielding a guitar, rather than his normal drum kit, Halferty played through a solid set of reverb drenched

pop songs with the help of his band (which consisted of members of another local group, The Photo Atlas).

Zach Tipton's project I Am The Dot took the stage next, armed only with a laptop, two drums, a microphone, and a spiral of red light. Tipton, who has been steadily releasing EPs in a genre he has titled "Apocalypse Pop," played a few new songs in addition to some of his more established tunes ("Love Song for Camus" was my personal favorite).

Adding to the eclectic nature of the show, hip-hop duo The Pirate Signal got the typically reserved

Hi-Dive crowd dancing, moving, and "jigglin'." MC Yonnas rapped about everything from going on Warped Tour to finding "Love in the time of Swine Flu," while DJ A-What kept the beats pumping.

For the final set of the night, Young Coyotes shed their normal acoustic set-up to play an electric set. While this slight change didn't really alter their sound, it certainly added a dynamic not previously seen. One of the highlights of the set was the song "Hammering," a newer tune that has no official recording (and will likely remain un-released). Toward the end of the set it became obvious that both Halferty and Tipton were feeling the effects of playing two full sets that night. However, they still managed to end strong, leaving the crowd pleased as the night came to an end.



American Tomahawk, I Am The Dot and The Young Coyotes perform at the Hi-Dive in Denver.

ALL PHOTOS TIM WEILERT / OREDIGGER

The Yard House is an upscale, casual eatery known for great food, classic rock music and the world's largest selection of draft beer.

HAPPY HOUR featuring

MARTINIS & BEER

DAILY • 3:00PM - 6:00PM
DAILY • 10:00PM - CLOSE

EAT LATE!

SELECT HALF-PRICED PIZZAS & APPETIZERS

3.50 PINTS • 6.00 MARTINIS

GREAT FOOD • CLASSIC ROCK

Yard House

WORLD'S LARGEST SELECTION OF DRAFT BEER

Yard House supports designated driver programs. We card anyone who looks under 35.

COLORADO MILLS • 14500 WEST COLFAX AVE • 303.278.9273 • yardhouse.com

WWW.OREDIGGER.NET

Swimming and Diving team concludes with a strong showing

Trevor Crane
Staff Writer

The Colorado School of Mines followed through on a successful season with a strong showing last weekend during the 2010 RMAC Swimming and Diving championships. The men's 860.5 points were good for a second place finish while the Oredigger women earned 309 points to end fifth in the three day tournament at Meyer Pool in Arvada, Colorado.

It was the second consecutive year that the men finished second behind the University of the Incarnate Word, a perennial powerhouse. Freshman Matt Bisping led the way by winning his race, the 100 yard breaststroke in a "B" time of 57.32s, good enough to earn First Team All-RMAC honors. The team then continued its run with three top-eight finishes in the 100 yard backstroke as Sophomore Andrew Zerwick, freshman Jacob Dole, and junior Sjarhei Piletski came in fourth, fifth, and sixth, respectively. Dole and Piletski then joined Bisping and Senior Brian Coates in the 400 yard medley and their second place time of 3:26.30 was good enough to break the Colorado School of Mines' record by more than 1.5 seconds. Zerwick

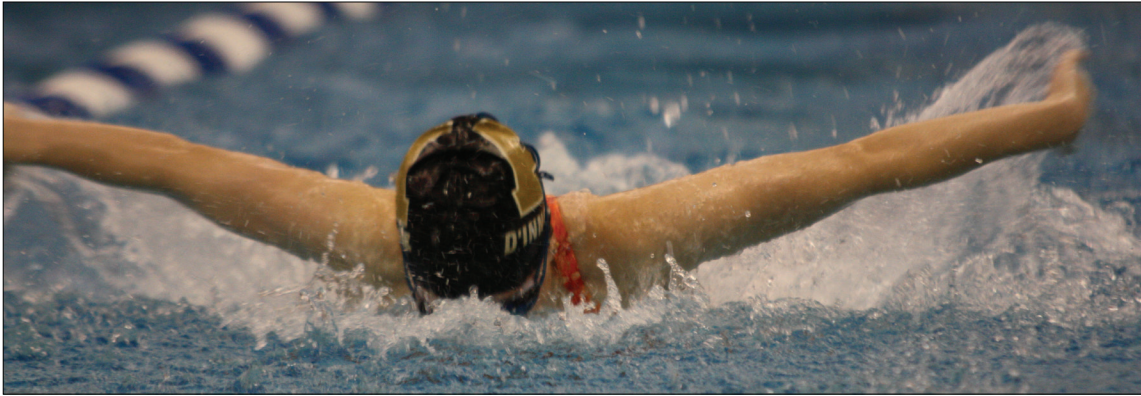
also provided a fourth place finish in a very competitive 200 yard backstroke. He held third place for most of the race, but his "A" time of 1:52.38 was still low enough to qualify for the National Championships in Canton, Ohio. Other top swimming performances included fourth place by Aaron Miller in the men's 500 yard freestyle, third by Dole in the 50 yard freestyle, fourth by Coates in the 100 yard butterfly, and third by Kevin Wood in the 200 yard freestyle.

On the diving side of competition, Sophomore Jesse Dennis turned in a second place finish in the men's 1 Meter Dive. His 450.25 point performance allowed Dennis to sneak by third place diver Collier McKenzie by less than 1 point and was second only to a record setting 559.15 score by Incarnate Word's diver Justin McDonald. Dennis's total was also enough to earn a Second Team All-RMAC title. He also turned in a third place performance in the 3 meter dive to conclude his competition.

For the women, the Orediggers were led by Angel Forseling and Sarah Moore. Forseling, a CSM junior, swam the women's 200 yard breaststroke in 2:13.82, earning third place and Third Team All-RMAC recognition. She competed

in 7 other events including 4 relays and individually placed high in the 100 yard breaststroke (fourth) and the 200 yard breaststroke (fourth). Moore, a freshman out of Littleton, Colorado, wasted no time in making her reputation as a collegiate athlete. She has shown strong performance through her rookie season and was rewarded by being named the 2010 RMAC Women's Diver of the Year. The excellence continued at the RMAC Championships. She broke the RMAC record score in the 1 meter dive with 408.90 points and her first place finish in the 3 meter dive shattered a 28 year-old RMAC record by over 40 points with a score of 474.10. Overall, this was the second straight year that the women's team finished fifth at the RMAC Championships.

The competition doesn't end here for some Colorado Mines swimmers. Dennis (1 mtr), Zerwick (200 Back), and Kevin Shaw (400 IM) will join Forseling (200 Breast) and Moore (1mtr/3mtr) in participating in the Division II National Championships at Canton next month. For the rest of the team, the RMAC meet marks the conclusion of a strong season, continuing to build a solid swimming program at the Colorado School of Mines.



STEVEN WOOLDRIDGE / OREDIGGER

CSM Cycling maintains reputation of excellence

Trevor Crane
Staff Writer

Colorado Mines has a reputation for its numerous, diverse clubs. The upside to this is that everyone has a chance of getting involved. The downside is that many clubs often go unnoticed. But the cycling team is trying to break that trend. Even though it is only a few years old, they now have nearly 40 members and continuing to impress.

President of the club, Joe Schneider, is excited by the growing support. "It's such an amazing opportunity to try it," said Schneider. "For someone interested in cycling, it's probably the lowest cost and lowest commitment out there."

But by no means does the team slack off. Like most other students at Mines, they are a driven and committed group.

The cycling season consists of two parts - the mountain bike season in the fall and the road bike season in the spring. Competitors are divided into three classifications known as A, B, and C. Class C is for the begin-

ning racers and then builds up to class A, which provides intense competition for the ardent biker. "You get some pretty avid cyclists who are really devoted to the sport," explained Schneider, an "A" rider himself.

The mountain season consists of five or six races in duration with the possibility for an additional race at nationals. Racers compete in four different events including Cross Country, Downhill, Mountain Cross, and Short Track. The team competes in NCAA division 2, and is annually a national contender. Last fall's National Championships were held in Truckee, California, with CSM's Christen Boyer leading the way to a first place finish.

Cycling is a year-long commitment for the racers, but they enjoy every minute of it. "It's a super-fun atmosphere," Schneider stated. After mountain season is over, the athletes must then shift gears to the road season. Slightly longer, road biking consists of eight races with the addition of nationals in Madison, Wisconsin. Very different from the mountain, these races test endurance and speed

rather than mobility as most races range from 20 to 60 miles in length. In comparison, it is only 43 miles from Golden to Castle Rock and 56 miles from here to Estes Park. As for Schneider, his longest ride covered roughly 100 miles.

Mines carries a strong tradition. The Orediggers have been ranked in the top 15 for the past three years and look to continue through the end of this year as they are currently ranked eleventh nationally in Division 2. "We are very competitive, but we try to make sure and keep it fun," said Schneider. Many of the club cyclists have a biking background, whether in a prior school or in some other competitive fashion, but the club is a great way for beginning bikers to get involved.

The club looks ahead to the spring road bike season, which begins March 6 at a race in downtown Denver and ends in Wisconsin at the end of the semester. The young program has wasted no time at all in rising to success and looks to have a promising future ahead of them.

Mines Baseball takes two

Sam Schleisman
Staff Writer

The Oredigger men's baseball team showed off their powerful offense as they piled up 22 runs in two games against Augustana (SD) last weekend at Darden Field. Short stop Craig Matsuda led the way, going 5 for 9 on the day with 7 RBIs and 3 runs. Starting pitcher Marshall Schuler got the win in game two to improve to 1-0 while freshman Paul Jansen came out of the bullpen to get his first win of the year in game two. The Orediggers improved to 3-1 on year with conference play starting February 26, at home against Nebraska-Kearney.

Game one of the double-header got off to a rough start when Augustana CF Nate Baumann doubled off of Schuler. Two more hits followed and before the Orediggers even stepped in the batter's box, Augustana had put two runs on the board. The fireworks got started for Mines in the second, when Anthony Siderius and Elliott Riege both went yard to right field. Nick Wong, not to be outdone, started off his 2-3, 3 RBI day with a home run in the third. That was all the Orediggers needed and they went on to score eight of the next ten runs. Another positive for Mines was its offensive efficiency. The team took advantage of three Vikings errors and needed only nine hits to score all eleven runs. The offense got the credit for this win, as the Mines' pitchers never got into a groove, allowing 10 hits, 5 walks, and 6 runs. If the Orediggers want to continue their success into conference play, they're going to need their pitching to improve.

Game two was more of the same with both team's offensives dominating opposing pitchers. There were a total of 21 runs on 27 hits. The defenses did not help their pitchers with a total of 6 errors. Once again, the Vikings struck first, with a two-out single by first basemen Dan Morrison. Augustana got five more in the

second to take a quick 6-0 lead. The Orediggers added three in the bottom-half of the inning and Cory Ast, who started the game for the Orediggers, worked a quick third inning from the mound to get his team back on the bats. After a 5-run third, including a 3-run homer by Nick Piehl, the Orediggers took an 8-6 lead. Ast allowed one more run in the fourth before he left in an 8-7 game.

Ast had a disappointing day after going only four innings while giving up 9 hits, 2 walks, and 6 earned runs, but on a day when he did not have his best stuff, he kept his team in the lead and put them in a position to win the game. The game was tied in the sixth when Matt Poulin allowed the first two Vikings batters to reach base before he was pulled from the game in favor of freshman, Paul Jansen. Jansen ended up getting his team out of the inning after only giving up one run.

The tying run for Mines came in the bottom half when Piehl singled, then advanced all the way around the bases on wild pitches. Jansen retired the Vikings 1-2-3 in the top half of the seventh and the Orediggers were set up for their second walk off victory in two weekends. Bobby Egeberg started off the inning with a double to deep right center and then Wong singled and the game was set up for Siderius. After Wong advanced to second on a fielder's indifference Siderius put a ball in play to right field, just deep enough to allow Egeberg to slide into home safely. Jansen received the win after tossing two shutout innings and giving up just a single walk. The Orediggers remained persistent all game and were rewarded with a sweep of Augustana (SD) which dropped them to 1-3 and raised the Orediggers' record to 3-1.

CSM will host Nebraska-Kearney this weekend at Darden Field for the RMAC opener. The series will start off with a 6:00 PM game on Friday and conclude with a double header at 1:00 PM and 3:30 PM on Saturday.

CSM Twilight Open

Mines hosts co-ed track meet in Steinhauer Fieldhouse.



At left, Ryan Hanley hands off the baton to Ryan Crisp during the 4x400m relay.



At right, Kenny Rennick has an early lead in the one mile race Friday.

ALL PHOTOS STEVEN WOOLDRIDGE / OREDIGGER



Minds at Mines

Career Fair

Roby Brost
Staff Writer

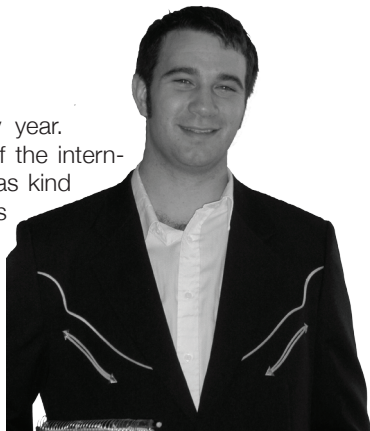
Snow covered the walkways and ice glazed the streets as heels traveled in backpacks and dress shoes doubled as ice skates. Bundled under coats, scarves, gloves, and the occasional parka, students and alumni of the Colorado School of Mines bustled their way to Career Fair. February 9, 2010 brought potential employers to campus advertising their services and scoping potential new talent for the work force. While the Spring Career Fair cannot boast the unprecedented turnout of October, around a hundred companies braved the cold to attend. Armed with business suits and résumés, the students of Colorado School of Mines went hunting for experience, internships, jobs, and anything in between at this year's Spring Career Fair.

"I noticed that it was much smaller this year. Still, I think I got some pretty good offers. I'm pretty confident about Career Fair this year."
Cody Jeanneret



"I'm excited for this time around because the last few career fairs, some companies have gone and tried to solicit themselves, but they weren't really offering any positions. But this time around, they are actually offering positions, or have positions to offer... I had about ten companies coming in that I was very interested in but after having talked to them I narrowed it down to about two. It is helpful to be able to talk to companies and determine the ones that you are gung-ho for and the ones that aren't what you were looking for."
Jacelyn Barnes

"I like that it's organized every year. I'm optimistic about it, but most of the internships were filled in the fall, so it was kind of a bummer to find that out. I guess it's not quite what it used to be, but with the economy, it's kind of what you expect."
Zack Mills



"Career Fair was great! I got a ton of free stuff. Like this knife. And a sticky Frisbee. And I got a robot!!"
Preston Wolfram

"It was definitely not as much as Fall Career Fair. The people that were there, were definitely looking for internships, so I feel pretty optimistic about it."
Aaron Miller



ALL PHOTOS ROBY BROST / OREDIGGER

What's your Beef?



Jamie Thorpe
ASCSM President

The bike racks are always full, especially since the racks in front of the green center were taken out. We need more bike racks.

Good news! New bike racks have already been purchased for installation at the Rec Center and the residence halls. Facilities Management and Student Life are working to get more, and are in the process of ordering new bike racks for the Green Center, Alderson, the Geology Museum, the CTLM, and Volk. As soon as they are delivered and weather permits, Facilities Management will be installing them.

They are charging for transcripts!!! I can understand up to \$3, but \$10 - \$12??? Not cool.

I can't believe they just started charging so much for transcripts! I could understand \$2, but I can't afford to apply for grad school at these prices!

I referred this question to Lara Medley, the registrar, to answer in better detail than I can. Her response is as follows:

Colorado School of Mines has more than 23,000 alumni with degrees currently living all over the world in addition to those students who have taken courses at Mines and have not graduated. The Registrar's Office serves all of these students, no matter where they are and

no matter in what walk of life they currently find themselves. Most students need transcripts during many times in their lives to find employment, change employment, to show their backgrounds for awards and honors, and to keep in their personal archives. Our new transcript system allows us to respond to both current students and alumni quickly, no matter where the student is in the world. We used to take time to print, package and send transcripts. This was taking literally weeks to months depending on the country in the world in which the student resides.

I understand that it may be difficult for current students to pay for transcripts. This is one of the reasons I proposed that the fee be changed from \$2.00 to no cost several years ago. However, we have faced new challenges and want to be on the cutting edge of technology to provide excellent service for all of our students – present and past. We found this service in a local company where our Mines graduates have been hired on a regular basis. In order to provide the improved service to all students across the world, and in order to show that CSM is on the cutting edge of new technology, we implemented a new service that unfortunately has a cost. In order to cover the service of this cost as well as ongoing costs of paper, staff time, envelopes, and mailing, we instituted a reasonable fee.

This system has allowed us to move from just paper and snail mail to electronic delivery. I certainly suggest that a student use

the electronic transcript service, as it can be sent to the student's e-mail and forwarded from there at the cost of \$10 for an unlimited number of viewings. We also suggest that students who are applying for graduate schools and other institutions ask if the transcript can be provided in electronic format. Registrars at graduate schools are aware of these services, and should be able to accept transcripts in this manner. In addition, I am sure that students have discovered already that many employers prefer to receive the transcript in electronic format when interviewing for jobs - for current students. We could not provide this service previously. I hope that when you, our current students, become alumni within the next four years, you will all be able to appreciate the quick response to your transcript request when you need it at the last minute for degree verification to your prospective employer.

Why is it that the administration is allowed to send multiple emails (about one every day) about events; whereas student groups are only allowed to send one email to the ugrad and grad student announce lists?

Good question! We are working with CCIT on this issue, and hope to have a representative come to an upcoming ASCSM meeting to get student input on possible ideas for reducing the amount of mass email we receive. We will keep you posted.

Tim's two cents



Lessons learned long ago

Tim Weilert
Content Manager

Does anyone out there remember being very young? It was a glorious time, complete with naps and snacks, where we were free to make mistakes leading to common sense. Now that we have all grown up, it seems that some things that were once common sense are now simply taken for granted.

I am, of course, talking about the age-old rule, "Look both ways before you cross the street." You might be saying to yourself, "Now, why is he talking about such an elementary concept? This is just a waste of space!" Stop for a mo-

ment, and examine the attached graph.

The ironic truth is that, despite growing older and more sensible, we have taken a step backwards in transportation safety. As a personal rule, I try to avoid driving on campus. The reason is not that I fear parking tickets or loathe the parking system; rather, I do not want to deal with all the cyclists, long-boarders, and pedestrians who pay no attention to automotive traffic.

Pedestrians have the right-of-way in Golden (and most parts of the United States), but I feel that this is a privilege that must not be abused. Most of us walk around

campus like we own the place, but it's important to remember that the rest of the world will not drive as cautiously to avoid accidents. So, as you run to that exam, stop for a moment and look both ways before crossing the street.

Editorials Policy

The Oredigger is a designated public forum. Editors have the authority to make all content decisions without censorship or advance approval and may edit submitted pieces for length so long as the original meaning of the piece is unchanged. Opinions contained within the Opinion Section do not necessarily reflect those of Colorado School of Mines or The Oredigger. The Oredigger does not accept submissions without identification and will consider all requests for anonymity in publication on a case-by-case basis. Submissions less than 300 words will receive preference.

Fool's Gold

“Fort-E five more Days!”



NHV to be replaced with Intro to Crayon Art

Janeen Neri
Staff Writer

In light of the recent controversy, school officials decided last week to replace Nature and Human Values with Intro to Crayon Art. “NHV was just too offensive to students,” said LAIS head Jonathan Bierce, “because it involved too much of that horrible *thinking* business. Children – I mean, college students – these days should not be expected to put forth that much effort.”

Meanwhile, the relative benefits of crayon art were cited in the decision. “The process has been shown to be very therapeuti-,” LAIS professor Ambrose Swift explained, “full of bright colors and shapes! Plus, there is no wrong or right opinion when it comes to coloring. You want to color outside the lines? Make rainbows black? Go for it!” Added Bierce, “another great aspect of this course is that people are free to learn what they want from it. We will interfere as little as possible so as not to stifle their creative processes. Perception is more important than intention, after all.”

The LAIS department was also excited about what the class would not have. “No demands on

the students,” Bierce said, excitedly, “no constant stress, no expectation of pure, hard logic. Confusion between normative and positive analysis? Ad hominem attacks? Overgeneralizations? We could support them all in a loving, caring environment. Of course your picture is beautiful, Kevin, because you drew it and you’re a very special person.”

Other faculty seemed okay with the change. “I don’t think we’d ever do this in the engineering department,” said professor Theo Geisel, “but I think it works for them. You have to be real careful with students these days. They pay us, so they expect something back in return, regardless of merit. This seems like a good compromise; not only will they have a shiny A for the class, they’ll also have a bunch of pretty drawings that their parents can put on the refrigerator when they go home.”

Teachers are already lining up to lead the class. “I hate being the mean one,” said one candidate, Muma Padurii, “but in this class it is all about love and harmony; I can give them a nice grade without having to worry about the school getting angry. It is very good. I think besides giving them crayons and paper, I will

help them learn letters, too. A little review can’t hurt.” Others applying for the position shared similar thoughts. “It would definitely be all about fun for me,” said Louis Errol, “they can learn in the other classes if they wish. I think my class would be more about building up self-esteem. Kids these days are so hurt by the big, cruel world, saying they are stupid and wrong. What an absurd concept! They just need someone to come up beside them and tell them that it’s not true. They are smart. They are right. They are special.”

The LAIS department is excited by the enthusiastic response. “This is exactly what we were hoping for,” said Bierce. When asked about the qualifications for an Intro to Crayon Drawing teacher, he said, “I hope that whoever teaches the class is certain to convey one simple message: as long as you are defying authority and establishment – drawing outside the lines, if you will – you are doing the right thing. Nonconformity is the surest path to a correct argument; remember, no one can question you if they’re working for the Man.”

For those with a nonconformist reading style, a version of this article with all the big words taken out is available upon request.

U.S. Olympic curling star new face of Nike

Erik Lord
Chief Obscure Sports Analyst

“It was time,” explained Nike CEO Robert Jones in a press conference Friday. “Tiger was an amazing athlete, but it was time to go another direction.” In a shock to those present, and thousands of television viewers, Nike has removed Tiger Woods from his post as their head spokesman and replaced him with Olympic curler Stanley Dorland.

“Stanley represents everything we look for when identifying the ‘face’ of Nike,” Jones added. “He’s a strong competitor, has revolutionized his sport, and has even managed to stay faithful to his wife. He’s a real role model.”

While the removal of Tiger from the pinnacle of endorsement deals was anticipated, given his well-publicized indiscretions, the promotion of Dorland comes as a surprise to many. Even Dorland himself was surprised when he got the phone call from Nike. “Honestly, I hung up on [Robert Jones],” Dorland chuckled, “I don’t see myself as someone even in the same league as Tiger Woods. I was stunned. It’s a tremendous honor for me and for curlers around the world, and I am

excited to see this sport continue to gain popularity.”

Curling, a sport centered on the precise gliding of a granite stone along a stretch of ice, has seen a steady growth across the United States since its inception as an official Olympic sport in 1998. At that time there were no more than a handful of curling “clubs” throughout the states, but that number has

“The great thing about curling is the fact that the sport really emphasizes teamwork.”

grown rapidly over the past decade from a handful to a few. As of January there are 117 member clubs in the United States Curling Association (USCA), including four in the state of Colorado.

“The great thing about curling is the fact that the sport really emphasizes teamwork,” Dorland said, “Without my three teammates, I’d never be able to get that 40 pound stone across that ice with any precision. Who knows where it would end up?”

Dorland, who turned 34 in December, started his athletic career in bowling, where he earned all-state

accolades in North Dakota. The “Pin Pulverizer,” as he was known, dominated the wooden lanes until a freak wrist injury prematurely ended his career.

“I slipped on an oily lane during my delivery,” Dorland confessed in an interview with NBC correspondent Dick Ebersol. “I landed on the ball, and my wrist just snapped.” Several surgeries later, Stanley was able to perform daily tasks, but doctors recommended he never pick up a bowling ball again. He was devastated, but remained determined to make a name for himself in the world of not-that-impressive sports.

When he heard about curling, he immediately joined the local club. “Without the wrist strength required to bowl I knew my options were fairly limited. I really can’t run well, and jumping is out of the question given my fear of gravity. I’ve always had a gift for aiming things down a lane though. Curling was a natural fit.”

The U.S. Olympic curling team, led by Dorland, took to the ice last Tuesday as they faced Japan in the opening round of competition. Viewers the world over watched to see the new face of Nike, as he glided his way into the national spotlight for 73 minutes.

Telekinesis found at Mines

Janeen Neri
Staff Writer

Last week, the Mines community was shocked to find a student with an unusual talent: telekinesis. “I’m only a bit less surprised than everyone else,” said Mattie Wormwood, the soft-spoken Mines sophomore at the center of the frenzy.

When asked how she discovered her gift, Wormwood shrugged. “I never really thought it was anything that special,” she admitted, “I was moving stuff around with my brain, but I wasn’t really quite sure it was real, you know? I was able to do something like this when I was little, but I thought I’d outgrown it and was just remembering. Besides, I can only do it in economics class. I mostly didn’t do anything obvious, so the rest of the class didn’t notice. Or maybe they were asleep, I don’t know. But it’s not like I pretended to be the teacher’s dead father or something.”

Wormwood practiced the talent in her economics class for almost a month before anyone noticed something strange was going on. “It was always these tiny things,” Wormwood explained, “wobbling the projector a little bit, tying the professor’s shoe, backspacing out a typo on the PowerPoint slide.” In fact, Wormwood’s remarkable talent would have never come to light were it not for bottled water.

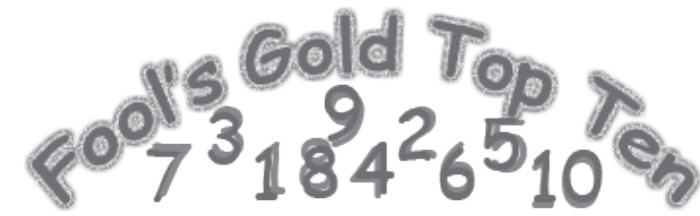
That’s right, bottled water. “So,” Wormwood began, laugh-

ing, “it happened like this. The teacher brought in this bottle of water, nothing special. I’m staring at this bottled water, thinking about all the new stuff I’m learning in the class, so my mind is sufficiently empty. All of a sudden, I just get this loopy idea to see if I can flip it over. I mean, it looked like the cap was on tight.”

Fortunately for everyone involved, Wormwood did not take that at face value. “I think to myself again, *well, wouldn’t it be horrible if it wasn’t?* I mean, I still didn’t even know any of this was real, but even in dreams, you know, you think about these kinds of things. So I decide to make it really, super obvious that something weird was happening. That way, the nice professor wouldn’t get all wet if it spilled.”

As it turned out, not only was the bottled water “quite leaky around the top,” as Wormwood put it, but the act of lifting the bottle into the air for several feet before flipping it over caught more eyes than the teacher’s. “It wasn’t dramatic,” Wormwood explained, “like everyone going all quiet or something. More like when the lecturer makes a double entendre without realizing it and all you hear is that half-volume chatter that fades in and out for a while.”

The rest, as they say, is history. Wormwood has requested that campus officials and students try to keep her gift on a low profile – she has said that she does not mind some coverage, but has too much on her plate to deal with real reporters.



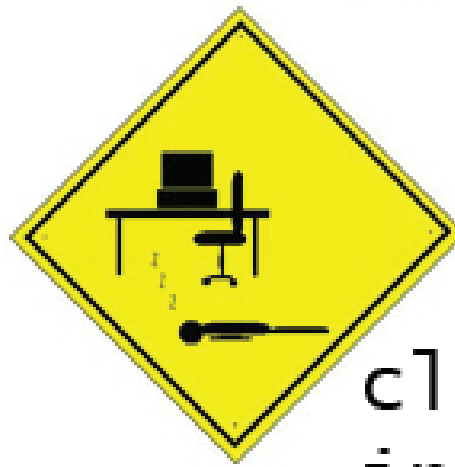
Top ten reasons why the economy has been tough on your relationship

Mike Stone
Content Manager

- 10) “Dinner and a Movie” is now “Popcorn and a Movie”
- 9) Since the “Two for \$20” deal is no longer at Chili’s, you don’t eat out
- 8) Since the cable went out, you have fights just to pass the time.
- 7) You no longer take showers together for fun time, but to save on the water bill.
- 6) The comment, “You look better without makeup anyway,” is coming back to bite you.
- 5) Your Valentine’s Day included chocolate roses - Two birds with one stone.
- 4) “I’m too tired tonight” is now from a lack of nutrition.
- 3) Edible panties are no longer for fun.
- 2) The reason why there are small portions on large plates is no longer because you’re at an expensive restaurant.
- 1) You can no longer afford to make it rain, but make it hail instead.

attention all CSM students:

GET OUT
AND
PLAY!



club and
intramural
deadlines

badminton doubles:
thurs. 2/25 @5pm

table tennis doubles:
thurs. 2/25 @5pm

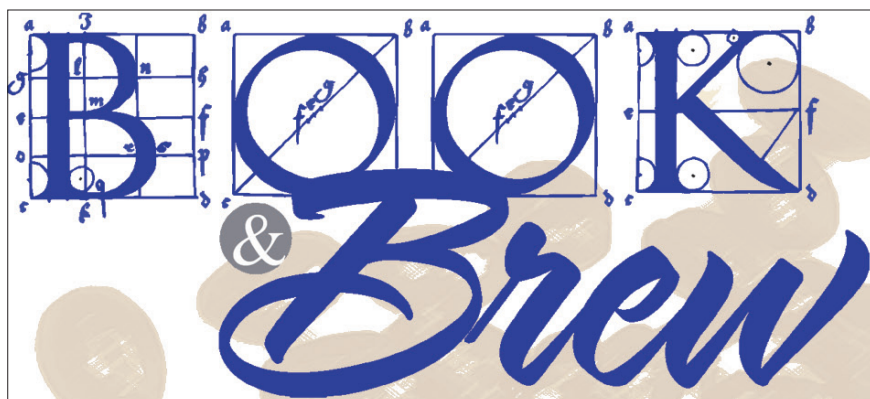
softball:

thurs. 3/4 @5pm

<http://recsports.mines.edu>

CAUTION

participation in sports may
relieve stress,
improve physical condition,
and induce social
interactions



at Arthur Lakes
Library



...Get Your Coffee On

- Hormone-free Milk
- Do you work on Campus on Saturdays? You can now get your AFPP (afternoon face plant prevention) at the Book & Brew

- PROUDLY SERVING
ALLEGRO COFFEE & TEA
- ORGANIC ESPRESSO DRINKS